

# STEM ADVENTURE!

## Animal Habitat



### Welcome to the STEM Adventure!

We will be practicing language arts, science and math skills as we explore the outdoors. Be observers as we discover how animals use their environments to create their habitats. Discover more in the way you learn best with hands-on activities, on-air PBS KIDS programming and online resources. WITF and IUs 12, 13 and 15 wish you happy exploring!

### Talk About It

What is unique about underwater habitats?

Talk to your child about what kind of animals live in the water by asking questions like, “Where do fish live?” “What other types of animals live in water?” “What are the different bodies of water?” “Would you find a whale or a shark in a pond? Why? Why not?” As you watch the programs, observe the types of animals and other creatures that live in water. What different types of water habitats can you discover?

Key Vocabulary: Stream, Lake, Pond, River, Ocean

### Explore On-Air

Watch an episode of *Wild Kratts*.

*Wild Kratts* airs Monday - Friday on WITF TV at 7:30am and 12:30pm. You can also watch on WITFK 24/7 at 6pm and 6:30pm. The *Wild Kratts* episode you choose will help you explore animals and where they live.

### Try It Out

Think about different types of underwater animals. They could be underwater animals from the programs you watched. Pick one animal and identify its habitat. Build a “portal” into the animal’s underwater habitat by cutting out the center of your paper plate. Design an underwater world with at least one animal and any other vegetation or details on your paper. Cut the ‘scene’ to fit the inside of plate and glue together.

Materials: paper plate, paper, glue, scissors.

Extension: Write a story about the animals that live in the underwater habitat you created.

### Explore Online

Make a Mangrove - <https://tinyurl.com/y7cag923>

Ocean Guide - <https://tinyurl.com/yblbwsk5>

Deep Sea Follow Me! - <https://tinyurl.com/y9vp556f>

### You Could Be...

You Could Be a Marine Biologist! A marine biologist is a scientist who studies life in the oceans and other saltwater environments.



The Engineering by Design program is built around state and national standards that engage learners in authentic problem/project-based learning activities that build their understanding of Math, Science, Technology, Engineering and English-Language Arts while making sense of the world around them.



[witf.org/STEM](http://witf.org/STEM)

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Companion Site:

<http://bit.ly/PBSiu121315>

